## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref# | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|---|---------------------|---------|---------------------|
| L1   | 1    | ((RAGNAR) near2<br>(BENDIKSEN)).INV.  | US-PGPUB;<br>USPAT  | AND                 | ON      | 2010/12/11<br>02:00 |
| L2   | 31   | ((HENRIK) near2<br>(RASMUSSEN)).INV.  | US-PGPUB;<br>USPAT  | AND                 | ON      | 2010/12/11<br>02:00 |
| L3   | 17   | ((JONNY) near2<br>(OSTENSEN)).INV.  | US-PGPUB;<br>USPAT  | AND                 | ON      | 2010/12/11<br>02:00 |
| L4   | 1    | (1 or 2 or 3) trigger\$3<br>ultraso\$7  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2010/12/11<br>02:01 |
| L8   | 501  | (end\$3 or stop\$3)<br>same (t?wave or (t<br>near wave) or twave)<br>same pulse | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2010/12/11<br>02:28 |
| L9   | 135  | 8 arrhythmia  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2010/12/11<br>02:29 |
| L10  | 11   | 9 imag\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2010/12/11<br>02:29 |
| S1   | 56   | "5735281"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2010/12/07<br>15:34 |
| S2   | 1    | "10536482"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND                 | ON      | 2010/12/07<br>15:47 |

| S3  | 42783 | arrhythmia                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:16 |
|-----|-------|-------------------------------------|---|-----|----|---------------------|
| S4  | 8702  | t?wave or (t near<br>wave) or twave | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:17 |
| S5  | 2937  | S3 S4                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:21 |
| S6  | 744   | S5 imag\$3                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:21 |
| S7  | 224   | S5 (ultraso\$7 with imag \$3)       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:22 |
| S8  | 55    | S7 perfusion                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:22 |
| S9  | 830   | S3 same S4                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:30 |
| S10 | 78    | S9 (ultraso\$7 with imag<br>\$3)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:30 |
| S11 | 4     | S10 (contrast with agent)           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:31 |

| S12 | 1     | (end-systolic with<br>trigger\$3) same S3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:41 |
|-----|-------|---|---|-----|----|---------------------|
| S13 | 1     | (end?systolic with<br>trigger\$3) same S3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:41 |
| S14 | 3     | (end?systolic same<br>trigger\$3) same S3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:41 |
| S15 | 43    | (end?systolic or (end<br>near systolic)) same<br>S3                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:43 |
| S16 | 2     | S15 same ultraso\$7   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:44 |
| S17 | 56    | (high with ultraso\$7)<br>same S3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:47 |
| S18 | 1     | S17 same S4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:47 |
| S19 | 6     | S17 S4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>16:48 |
| S20 | 10343 | (end?systolic or (end<br>near systolic) or t?<br>wave or (t near wave)<br>or twave) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/12/07<br>17:04 |

| S21 | 870     | S20 same S3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2010/12/07<br>17:05 |
|-----|---------|--|---|-----|-----|---------------------|
| S22 | 216     | (high with pulse) S21  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2010/12/07<br>17:05 |
| S23 | 46      | S22 ultraso\$7   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2010/12/07<br>17:05 |
| S24 | 1269622 | +  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2010/12/07<br>17:18 |
| S25 | 3       | (("6302846") or<br>("6340348") or<br>("5735281")).PN.  | US-PGPUB;<br>USPAT  | OR  | OFF | 2010/12/07<br>17:18 |
| S26 | 103     | ("4572203"   "4689986"   "5219401"   "5233994"   "5255683"   "5410205"   "5456257"   "5560364"   "5577505"   "5581517"   "5675554"   "5685308"   "5685310"   "5694936"   "5694937"   "5735281"   "5833615"   "5883615"   "5880931"   "5883615"   "5883613"   "5935069"   "5944666"   "5947904"   "5957845"   "5961464"   "5971928"   "6080107"   "6104670"   "6108572"   "6171246").PN. OR ("5735281"   "6302846"   "6340348").URPN. | US-PGPUB;<br>USPAT; USOCR   | AND | ON  | 2010/12/07          |
| S27 | 0       | S26 S3   | US-PGPUB;<br>USPAT; USOCR   | AND | ON  | 2010/12/07<br>17:19 |

| S28 | 0    | S26 S4   | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2010/12/07<br>17:19 |
|-----|------|--|---------------------------|-----|----|---------------------|
| S29 | 16   | S26 stop   | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2010/12/07<br>17:19 |
| S30 | 4    | S26 S20  | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2010/12/07<br>17:30 |
| S31 | 366  | (myocardium with perfusion) same imag \$3                                  | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2010/12/07<br>17:32 |
| S32 | 1856 | ((myocard\$5 or cardi<br>\$3 or heart) with<br>perfusion) same imag<br>\$3 | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2010/12/07<br>17:32 |
| S33 | 279  | S32 S3   | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2010/12/07<br>17:32 |
| S34 | 22   | S33 trigger\$3 (contrast with agent)                                       | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2010/12/07<br>17:32 |

## **EAST Search History (Interference)**

| Ref # | Hits | Search Query   | DBs            | Default<br>Operator | Plurals | Time Stamp       |
|-------|------|--|----------------|---------------------|---------|------------------|
| L5    | 1707 | (600/458,437).CCLS.  | USPAT;<br>UPAD | OR                  | OFF     | 2010/12/11 02:19 |
| L6    | 5    | ultraso\$7 same trigger\$3<br>same (t?wave or (t near<br>wave) or twave) | USPAT;<br>UPAD | AND                 | ON      | 2010/12/11 02:19 |
| L7    | 1    | 5 6  | USPAT;<br>UPAD | AND                 | ON      | 2010/12/11 02:20 |

## 12/11/2010 2:32:23 AM

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